IN THE CLAIMS:

Please cancel claims 1-14 without prejudice.

Please amend claims 15 and 16 to read as follows:

- 15. (Amended) A kit for inferring the nucleotide sequence at codons of interest in the HIV RT gene and/or the amino acids corresponding to these codons and/or the antiviral drug resistance spectrum of HIV isolates present in a biological sample comprising the following components:
 - optionally, a means for releasing, isolating or concentrating the polynucleic acids present in said sample;
 - (ii) optionally, at least one suitable set of primers;
 - (iii) at least two different probes, wherein each probe is capable of hybridizing specifically to one or more target codons within any region I to VIII as represented in Figure 1, said probes optionally fixed to a solid support;
 - (iv) a hybridization buffer, or components necessary for producing said buffer;
 - (v) a wash solution, or components necessary for producing said solution;
 - (vi) optionally, a means for detecting the hybrids resulting from the preceding hybridization;
 - (vii) optionally, a means for attaching said probe to a solid support.
- 16. (Amended) A kit for inferring the HIV RT resistance spectrum of HIV in a biological sample, coupled to the identification of the HIV isolate involved, comprising the following components:
 - optionally, a means for releasing, isolating or concentrating the polynucleic acids present in said sample;
 - (ii) optionally, at least one suitable set of primers;
 - (iii) at least two different probes, wherein each probe is capable of hybridizing specifically to one or more target codons within any region I to VIII as represented in Figure 1, said probes optionally fixed to a solid support;
 - (iv) a hybridization buffer, or components necessary for producing said buffer;





- (v) a wash solution, or components necessary for producing said solution;
- (vi) optionally, a means for detecting the hybrids resulting from the preceding hybridization;
- (vii) optionally, a means for attaching said probe to a solid support.

Please add new claims 17-42 as follows:

--17. (New) The kit according to claims 15 or 16, wherein the primer is selected from the group consisting of SEQ ID No: 162, 163, 164 and 39.

18. (New) The kit according to claims 15 or 16, wherein the set of primers is selected from the group consisting of

SEQ ID No: 162 and 163, and SEO ID No: 164 and 39.

19. (New) A kit for inferring the nucleotide sequence at codons of interest in the HIV RT gene and/or the amino acids corresponding to these codons and/or the antiviral drug resistance spectrum of HIV isolates present in a biological sample, the kit comprising the following components:

at least two different probes, wherein the probes are selected from the group consisting of SEQ ID NO: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 37, 40, 41, 44, 45, 46, 47, 48, 49, 50, 51, 52, 54, 55, 56, 57, 58, 59, 61, 62, 63, 64, 65, 66, 67, 68, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 114, 115, 117, 118, 119, 120, 121, 122, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 138, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 154, 155, 156, 157 and 159;

a hybridization buffer, or components necessary for producing said buffer; and a wash solution, or components necessary for producing said solution.

- 20. (New) A kit for inferring the HIV RT resistance spectrum of HIV in a biological sample, coupled to the identification of the HIV isolate involved, comprising the following components:
 - at least two different probes, wherein the probes are selected from the group consisting of SEQ ID NO: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 37, 40, 41, 44, 45, 46, 47, 48, 49, 50, 51, 52, 54, 55, 56, 57, 58, 59, 61, 62, 63, 64, 65, 66, 67, 68, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 114, 115, 117, 118, 119, 120, 121, 122, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 138, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 154, 155, 156, 157 and 159;

a hybridization buffer, or components necessary for producing said buffer; and a wash solution, or components necessary for producing said solution.

- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein the probes are selected from the group consisting of SEQ ID NO: 4, 8, 9, 10, 11, 12, 13, 14, 15, 19, 21, 22, 24, 25, 27, 28, 30, 31, 32, 33, 34, 35, 40, 46, 48, 49, 50, 51, 52, 54, 55, 56, 57, 58, 70, 72, 73, 75, 76, 78, 79, 80, 81, 82, 83, 86, 88, 90, 93, 95, 96, 97, 98, 99, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 115, 117, 118, 119, 120, 121, 122, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 138, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 154, 155, 157 and 159.
- (New) The kit according to any one claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEQ ID NO: 4, 8, 9, 10, 11, 12, 13, 14, 15, 19, 21, 22, 24, 25, 27 and 28.
- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEO ID NO: 30, 31, 32, and 33.

- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the
 probes is selected from the group consisting of SEQ ID NO: 34, 35, 40, 46, 48, 49, 50, 51
 and 52.
- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEQ ID NO: 57 and 58.
- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEQ ID NO: 70, 72, 73, 75, 76, 78, 79, 80, 81, 82 and 83.
- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEQ ID NO: 86, 88, 90, 93, 95, 96, 97, 98, 99, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 115, 117, 118, 119, 120, 121, 122, 124, 125, 126, 127, 128, 130, 131, 132, 133, 134, 135 and 136.
- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEQ ID NO: 138, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 154, 155, 157 and 159.
- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEQ ID NO: 5, 6, 7, 16, 17, 18, 20, 23, 26, 37, 41, 44, 45, 47, 54, 55, 56, 59, 61, 62, 63, 64, 65, 66, 67, 68, 71, 74, 77, 84, 85, 87, 89, 91, 92, 94, 100, 114, 128, 129, 138 and 156.
- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEQ ID NO: 5, 6, 7, 16, 17, 18, 20, 23 and 26.
- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEQ ID NO: 37, 41, 44, 45 and 47.

- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEO ID NO: 54, 55, 56 and 59.
- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEQ ID NO: 61, 62, 63 and 64.
- 34. (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEQ ID NO: 65, 66, 67, 68, 71, 74, 77 and 84.
- 35. (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEQ ID NO: 85, 87, 89, 91, 92, 94, 100, 114, 128 and 129.
- (New) The kit according to any one of claims 15, 16, 19 or 20 wherein at least one of the probes is selected from the group consisting of SEQ ID NO: 138 and 156.
- 37. (New) The kit of claims 19 or 20, further comprising a means for releasing, isolating, or concentrating polynucleic acids present in the sample.
- 38. (New) The kit of claims 19 or 20, further comprising at least one suitable set of primers.
- (New) The kit according to claim 38, wherein the primer is selected from the group consisting of SEQ ID No: 162, 163, 164 and 39.
- (New) The kit according to claim 38, wherein the set of primers is selected from the group consisting of

SEQ ID No: 162 and 163, and

SEO ID No: 164 and 39.